

April 22, 1953

Dr. D. M. Bonner
Yale University OBL
New Haven, Connecticut

Dear Dave:

I enclose a transplant of K-12, directly from our lab stock. I have not looked at it explicitly: we have had no trouble with mucoid character on most of the media we use. As I remember, some prototroph recombinants, though usually not K-12 itself, would tend to become mucoid on Davis' minimal agar, especially after a couple of days at room temperature. I suspect it would help to cultivate the bacteria at 37°, and to use the Tatum-Gray rather than Davis' as the minimal medium, if this is required.

If this K-12 culture behaves like the one you have, you had better give us more details of the circumstances under which you are having trouble.

Yours sincerely,

Joshua Lederberg